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**UNITED STATES PATENT APPLICATION TRANSMITTAL FORM**

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Attention: DO/EO/US

Docket No.: 2133.090USU

Customer No.: 27.623

Dear Sir:

Transmitted herewith for filing is the patent application of

Applicant(s): Rainer EICHHOLZ; Guido RÄKE; Volker OHMSTEDE and Günter WEIDMANN  
For: HEATING APPARATUS WITH ELECTRODE FOR THE CONDUCTIVE HEATING OF MELTS

International Application No.: PCT/ EP2003/013352

International Filing Date: 27 November 2003

**ENTERING OF U.S. NATIONAL STAGE UNDER 35 U.S.C. §371**

Transmitted herewith for filing are the following documents submitted under 37 C.F.R. §1.495(b) for the purpose of entering the national stage in the United States of America as an elected office. Enclosed are:

XXX Specification (37 pps.) consisting of: Description (30 pps.); Claims 6 pps.) and Abstract (1 page);

XXX Copy of International App. No.: PCT/EP 03/13352, as filed in Germany on November 27, 2003

       Declaration and Power of Attorney;

XXX 4 sheet of drawings;

XXX Preliminary Amendment;

JC20 Rec'd PCT/PTO 2 6 MAY 2005

- \_\_\_\_\_ An Assignment of the invention to: \_\_\_\_\_ including \$40.00 recordation fee and recordation cover sheet;
- XXX Information Disclosure Statement with copies of patent(s) (Form - PTO-1449);
- \_\_\_\_\_ The undersigned attorney has verified that the applicant is entitled to a Small Entity Status;
- XXX Priority of application Serial No. 102 56 657.7 filed on 3 December 2002 in Germany; and 102 56 594.5 filed on December 4, 2002; and PCT/EP2003/013352 is filed on 27 November 2003 is claimed under 35 U.S.C. §119 and 35 U.S.C. §365;
- XXX Cover page of published PCT Publication No. WO 2004/052053
- XXX Copy of International Preliminary Examination dated 17 March 2005
- \_\_\_\_\_ Copy of PCT Demand Under Article 31; and
- XXX Copy of International Search Report dated 20 Feb. 2004
- \_\_\_\_\_ Copy of Written Opinion.
- \_\_\_\_\_ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are transmitted herewith.

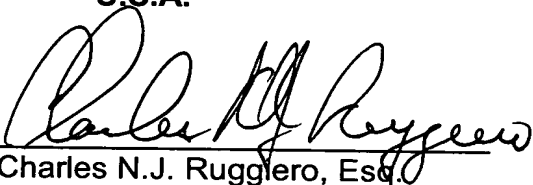
The Filing Fee is calculated below.

CLAIMS AS FILED				
(1) For	(2) Number Filed	(3) Number Extra	(4) Rate	(5) Basic Fee \$300.00
Total Claims	30 - 20 =	10	x \$50.00	\$500.00
Independent Claims	2 - 3 =	0	x \$200.00	\$
Multiple Dependent Claim Fee		x \$360.00 = \$0.00		
SEARCH FEE		\$500.00		
EXAMINATION FEE		\$200.00		
NATIONAL STAGE APPLICATION SIZE FEE (\$250 FOR EACH ADDITIONAL 50 SHEETS OVER 100 SHEETS)		\$		
TOTAL FILING FEE		\$1500.00		
1/2 FILING FEE FOR SMALL ENTITY		\$		

- XXX Firm's check in the amount of \$1500.00 to cover the filing fee;
- XXX The Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. 1.16 and 1.17 which may be required with this communication or during the entire pendency of the application, or credit any overpayment, to **Deposit Account No. 01-0467**. A duplicate copy of this Form is enclosed.
- XXX Postcard.

Address all future communications to: **Charles N.J. Ruggiero, Esq.  
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Dated: May 26, 2005

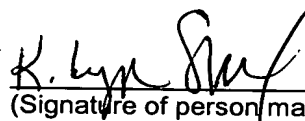


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**CERTIFICATE OF EXPRESS MAILING**

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" Certificate No. **EV 722421945 US**, service under 37 CFR §1.10 and is addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, Attn: DO/EO/US on **May 26, 2005**.

K. Lynn Sherrod  
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(Signature of person mailing paper)